| FORM<br>(REV | PTO-13                   | 190 (Modified) U.S. PATENT AND TRA   | ATTORNEY'S DOCKET NUMBER                              |  |  |  |  |  |  |  |
|--------------|--------------------------|--|---|--|--|--|--|--|--|--|
| (ræv. 1      |                          | ANSMITTAL LETTE  | 263855US2PCT  |  |  |  |  |  |  |  |
|              | [                        | DESIGNATED/ELEC  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5        |  |  |  |  |  |  |  |
| (            |                          | ICERNING A SUBM  | 10/519944   |  |  |  |  |  |  |  |
|              |                          | IONAL APPLICATION NO.  | INTERNATIONAL FILING DATE                             | PRIORITY DATE CLAIMED                                |  |  |  |  |  |  |
|              |                          | PCT/JP03/08392   | 2 July 2003   | 2 July 2002  |  |  |  |  |  |  |
|              |                          | NVENTION<br>C CONTROL SYSTEM   | • :   |  |  |  |  |  |  |  |
| ~            | LCLL                     | CONTROLSISIEM  |   |  |  |  |  |  |  |  |
| APPI         | ICAN                     | T(S) FOR DO/EO/US  |   | · · · · · · · · · · · · · · · · · · ·                |  |  |  |  |  |  |
|              |                          | INOUE et al.   |   |  |  |  |  |  |  |  |
|              |                          |  |   |  |  |  |  |  |  |  |
| Applic       | ant h                    | erewith submits to the United S  | States Designated/Elected Office (DO/EO/US) the       | following items and other information:               |  |  |  |  |  |  |
| 1.           | ☒                        | This is a FIRST submission of  | of items concerning a submission under 35 U.S.C.      | 371.   |  |  |  |  |  |  |
| 2.           |                          | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.  |   |  |  |  |  |  |  |  |
| 3.           | ×                        | This is an express request to  | •   | 371(f)). The submission must include items (5), (6), |  |  |  |  |  |  |
|              | _                        | (9) and (24) indicated below.  |   |  |  |  |  |  |  |  |
| 4.           | ⊠                        | The US has been elected (Ar  |   |  |  |  |  |  |  |  |
| 5.           | ×                        |  | oplication as filed (35 U.S.C. 371 (c)(2))            |  |  |  |  |  |  |  |
|              |                          |  | required only if not communicated by the Internati    | onal Bureau).  |  |  |  |  |  |  |
|              |                          | _  | cated by the International Bureau.                    |  |  |  |  |  |  |  |
| 3            | 620                      | c. Is not required, as the application was filed in the United States Receiving Office (RO/US).  |   |  |  |  |  |  |  |  |
| 6.           | ×                        |  | on of the International Application as filed (35 U.S. | C. 3/1(c)(2)).                                       |  |  |  |  |  |  |
|              | a. 🛛 is attached hereto. |  |   |  |  |  |  |  |  |  |
| l _          | 521                      | · · · · · ·  | v submitted under 35 U.S.C. 154(d)(4).                | (07.11.0.0.07.1.1.100)                               |  |  |  |  |  |  |
| 7.           | ×                        | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  |   |  |  |  |  |  |  |  |
|              |                          | a. are attached hereto (required only if not communicated by the International Bureau).  |   |  |  |  |  |  |  |  |
|              |                          | b. have been communicated by the International Bureau.   |   |  |  |  |  |  |  |  |
|              |                          | c. have not been made; however, the time limit for making such amendments has NOT expired.   |   |  |  |  |  |  |  |  |
|              |                          | d. May have not been made and will not be made.  |   |  |  |  |  |  |  |  |
| 8.<br>9.     |                          | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  |   |  |  |  |  |  |  |  |
| 10.          |                          | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  An English language translation of the annexes to the International Preliminary Examination Report under PCT                              |   |  |  |  |  |  |  |  |
| 1,           |                          | Article 36 (35 U.S.C. 371 (c)(5)).   |   |  |  |  |  |  |  |  |
| 11.<br>12.   | ☒                        | A copy of the International Preliminary Examination Report (PCT/IPEA/409).  A copy of the International Search Report (PCT/ISA/210).   |   |  |  |  |  |  |  |  |
|              |                          | • •  |   |  |  |  |  |  |  |  |
| 13.          | ems 1                    |  | nent(s) or information included:                      | •  |  |  |  |  |  |  |
| 14.          |                          |  | atement under 37 CFR 1.97 and 1.98.                   | with 37 CER 3 28 and 3 31 is included                |  |  |  |  |  |  |
| 15.          |                          | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |   |  |  |  |  |  |  |  |
| 16.          |                          | A FIRST preliminary amendment.   |   |  |  |  |  |  |  |  |
| 17.          |                          | A SECOND or SUBSEQUENT preliminary amendment.  A substitute specification.   |   |  |  |  |  |  |  |  |
| 18.          |                          | A substitute specification.  A power of attorney and/or change of address letter.  |   |  |  |  |  |  |  |  |
| 19.          |                          | •  |   |  |  |  |  |  |  |  |
| 20.          |                          | A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 - 1.825.  A second copy of the published International Application under 35 U.S.C. 154(d)(4). |   |  |  |  |  |  |  |  |
| 21.          |                          | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |  |
| 22.          |                          | Express Mail Label No.   |   |  |  |  |  |  |  |  |
| 23.          | $\boxtimes$              | - <del> </del>   |   |  |  |  |  |  |  |  |
|              |                          | Application Data Sheet<br>Drawings (17 sheets)   | Notice of Priority<br>PCT/IB/304                      |  |  |  |  |  |  |  |
|              |                          | PCT/IB/308 Reference Cited (6)   | Form PTO-1449   |  |  |  |  |  |  |  |

PTO-1390 (Rev. 12-2004)
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| U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION N   |   |                   |                                  |            |         | ON NO.      | ATTORNEY'S DOCKET NUMBER |    |  |  |  |
|--|---|-------------------|----------------------------------|------------|---------|-------------|--------------------------|----|--|--|--|
| 10/519944 PCT/JP03/08392   |   |                   |                                  |            |         |             | 263855US2PCT             |    |  |  |  |
|  | g fees are submitte   |                   | Applicant use                    | Office use |         |             |                          |    |  |  |  |
|  | tional fee  | \$300.00          | \$ \$300.00                      | )          |         |             |                          |    |  |  |  |
| ⊠ b) Examina   | tion fee  | \$200.00          | \$ \$200.00                      |            |         |             |                          |    |  |  |  |
| ⊠ c) Search fe   | <del>:e</del>   | \$500.00          | \$ \$500.00                      | )          |         |             |                          |    |  |  |  |
|  | AL OF ABOVE   |                   |                                  |            |         | \$1000.00   | \$\$1,000.00             |    |  |  |  |
| Additional fe sequence lis \$250 for each  | e for specification<br>ting or computer p<br>h additional 50 sh   |                   |                                  |            |         |             |                          |    |  |  |  |
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| - 100 =  | /50 =   |                   |                                  |            | x :     | \$250.00    | \$ \$0.00                |    |  |  |  |
| Surcharge of \$13 earliest claimed p   | 0.00 for furnishing priority date (37 C   | the               | s                                |            |         |             |                          |    |  |  |  |
| CLAIMS   | NUMBER F  | NUMBER FILED NUME |                                  | TRA F      |         | Έ           |                          |    |  |  |  |
| Total claims   | 78  | - 20 =            | 58                               | х          |         | \$50.00     | \$ \$2,900.00            |    |  |  |  |
| Independent clair  | ns 2  | - 3=              | 0                                | x          |         | \$200.00    | \$ \$0.00                |    |  |  |  |
| MULTIPLE DEPE  | NDENT CLAIMS  | (if applicable)   | ×                                | +          |         | \$360.00    | \$ \$360.00              |    |  |  |  |
|  |   | TIONS =           | \$ \$4,260.00                    |            |         |             |                          |    |  |  |  |
| Applicant cla  | ims small entity st   | ove are           | \$ \$0.00                        |            |         |             |                          |    |  |  |  |
|  |   |                   |                                  | S          | SUBT    | OTAL =      | \$ \$4,260.00            |    |  |  |  |
|  | \$130.00 for furnised priority date (3  |                   | ish translation later th<br>f)). | an 30      | 0 mont  | ths from    | \$ \$0.00                |    |  |  |  |
|  |   |                   | TOTAL N                          | IATI       | ONA     | L FEE =     | \$ \$4,260.00            |    |  |  |  |
|  | the enclosed assi   |                   | \$ \$0.00                        |            |         |             |                          |    |  |  |  |
|  |   |                   | TOTAL FE                         | ES E       | NCL     | OSED =      | \$ \$4,260.00            |    |  |  |  |
|  |   |                   | Amou                             | nt to      | be re   | efunded:    |                          | s  |  |  |  |
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| a. 🔲 A check   | in the amount of \$   |                   | to cover the a                   | bove       | fees is | s enclosed. |                          |    |  |  |  |
| b. Please of A duplication   | b. Please charge my Deposit Account No in the amount of to cover the above fees. A duplicate copy of this sheet is  |                   |                                  |            |         |             |                          |    |  |  |  |
|  | c.  The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.    15-0030 . A duplicate copy of this sheet is enclosed.                          |                   |                                  |            |         |             |                          |    |  |  |  |
|  | d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |                   |                                  |            |         |             |                          |    |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |   |                   |                                  |            |         |             |                          |    |  |  |  |
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| Customer Numb  | er  | SIGNATURE         |                                  |            |         |             |                          |    |  |  |  |
| 22850  |   |                   | inder Sachar                     | _          | M       | arvin J. S  | . Spivak                 |    |  |  |  |
| Registration No. 34,423 NAME   |   |                   |                                  |            |         |             |                          |    |  |  |  |
| 24,913   |   |                   |                                  |            |         |             |                          |    |  |  |  |
|  |   | ION NUMBER        |                                  |            |         |             |                          |    |  |  |  |